



SEQUENCE LISTING

SEQ ID NO: 1 Mouse lipin (*Lpin1*)

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SEQ ID NO: 2 Human lipin (LPIN1)

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SEQ ID NO: 3 Human Lipin 1A

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SEQ ID NO: 4 Mouse Lipin 1A

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SEQ ID NO: 5 Mouse Lipin 1B

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 AAKPSGSSHL SLLSNVSYKKTLRLTSEQLKSLKLKNGPNDVVFVSTTQYQGTCTCEGTIYLWNWDDKVIISDIDGTITRS
 DTLGHILPTLGKDWTHQGIKLYHKVSQNGYKFLYCSARAIGMADMTRGYLHWVNERGTVLPQGPLLLSPSSLFSALHRE
 VIEKKPEKFKVQCLTDIKNLFFPNTEPFYAAFGNRPADVSYKQVGVSLNRIFTVNPKGELVQEHAKTNISSYVRLCEV
 DHVFPLLRSHSCDFPCSDTFSNFTFWREPLPPFENQDMHSASA



SEQ ID NO: 6 Primer 1

5'-CAGACAATGAATTACGTGGGGCAGCT-3'

SEQ ID NO: 7 Primer 2

5'-GCTGAGGCTGAATGCATGTCCTGGT-3'

SEQ ID NO: 8 Primer 3

5'-CCATGAATTACGTGGGGCAG-3'

SEQ ID NO: 9 Primer 4

5'-CGCTGAGGCAGAATGAATGTC-3'

SEQ ID NO: 10 LIPIN NLIP CONSENSUS

NXXTLXGXIDXXVXXXXXXXXXXXXPFHVRFGKXXXXXXXXXXXXXXXXXXXXXXXXXMKLXD
XGXAXFVXXXXXXXXXXXXPXXLXXSP

SEQ ID NO: 11 LIPIN CLIP CONSENSUS

YXXXXRLXXXXXXXXLXLXXGXNXXFXXXXXXXXXXXXXXXXXXXXXXXXXXSDIDGTI
TXSDXLGXXXXXXXXGXWXXGXGXXLXXXXXXXXNGYXXYXXRXGXGXXXTXXYLXXXXXX
XXXLPXGPXXLPXXXXXAXXREVIXXXPEXFXXXXLXD